**DONG HYUK KIM**

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**SKILLS** React, React Native, Redux, Express, Flask | JavaScript | Python | Ruby | SQL | Git | HTML5 | CSS3

**PROJECTS**

**Shibal** (React Native, Expo, Flask, AWS, SQLAlchemy, shibe API, and JSX) **Live Site |** [**GitHub**](https://github.com/kimd345/shibal)

*Responsive mobile app for Shiba Inu owners to train and bond with their companion*

* Built a maintainable and fully iOS / Android compatible native application structured with essential dependencies and styled with vanilla CSS
* Crafted several reusable custom modules: ‘X’ components, ‘Y’ hooks, and ‘Z’ screens
* Utilized native gesture handlers and navigation to facilitate seamless UI / UX across components and screens
* Implemented join tables and Context API to maintain user state across training programs, modules, lessons, and quizzes
* Other features: Offline notice, notifications,

**WOGOS.com** (React, Redux, Flask, SQLAlchemy, RAWG API, JSX, CSS3, and Bootstrap) [**Live Site**](http://wogos.herokuapp.com/) **|** [**GitHub**](https://github.com/kimd345/gog)

*Single-page e-commerce website inspired by gog.com for consumers to buy Windows-only games*

* Integrated full CRUD user authentication with PBKDF2 encryption and session with JWT to grant user privileges to protected routes such as checkout and session cart versus open routes such as home, store, and visitor cart
* Configured the Redux Store to persist session data as a slice of state, which enabled teammates to implement their features to interact with relevant components as the current user
* Constructed dynamic search bar component that handles user input on change to fetch the database per keystroke
  + Conditionally renders desired results with a server-side query that filters and limits results

**Dizney Plus** (Node.js, Express, YouTube API, Sequelize, AWS, HTML5 and CSS3) [**Live Site**](https://dizneyplus.herokuapp.com/) **|** [**GitHub**](https://github.com/COrtaDev/Dizney-Plus)

*Disney Plus-inspired web app where users can browse and stream their favorite childhood movies and series*

* Built the content details page to fetch and render corresponding information as well as display suggested videos
* Integrated YouTube API to embed a full screen video player to playback selected content
* Initialized the project boilerplate from scratch with Express server and client following RESTful API
* Organized daily scrum to discuss sprint objectives as well as merge and integrate features developed by teammates

**EXPERIENCE**

**Bloomberg, *Data Mining Analyst*** Princeton, NJ 2019

* Project: Instant Bloomberg Machine Learning
  + Classified security exchange data between buy and sell-side on Instant Bloomberg, the chat feature of Bloomberg Terminal with over 325,000 subscribers worldwide
  + Produced precise and consistent raw data for machine learning development
* Represented a team of 20 data mining analysts to present results to senior members of the data and development teams

**Samsung SDSA, *Business Support Associate*** Ridgefield Park, NJ 2018

* Project: Annual IT Operations Business Planning
  + Conducted industry research and competitive analysis that drove Samsung’s IT margin increase to 3.75% for 2019, up 0.75% from 3% in 2018
    - The 0.75% increase in salary applied to Samsung SDSA’s $22M projected revenue for 2019 accounted for at least $165,000 in additional revenue
  + Maintained data for the 2019 ITO Business Plan master excel book and updated HR master file on an ongoing basis

**EDUCATION**

**App Academy** New York, NY 2020

1000-hour immersive full-stack web development intensive with 3% acceptance rate

Topics: Test-Driven Development, Object-Oriented Programming, Agile, algorithms, and design patterns

**Brown University** Providence, RI 2012-2016

*Bachelor of Arts in Economics* | **GPA**: **3.7** / 4.0 | Cum Laude

Relevant Coursework: CS0020 - Python / ECON1620 - Stata